

UVMO:003 USSN 09/273,164 Compositions and Methods for Early Pregnancy Diagnosis" Roberts et al.



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IG 1A

MKWLVLLGLV AFSECIVKIP LRKTMR.T LS.KN.LNNF LKE.AYRLSQ IS.RGSNLT- 60 (2)
L. TKM. L.E. RE. L. E.Q.NNDPDKKFS. 59 L. IL. KM. L.E. RE. L. E.R. K KD.KI. 56 L. IL. KM. L.E. RE. L. E.R. K KD.KI. 56 L. IML TKT EI WRE.KL.S. E.Q.N.M.D D.ASDPK.S. 59 IM. TKT EI WRE.KL.S. E.Q.N.M.D D.ASDPK.S. 59 I. M. I. QM. E.RERHL.T. SE.HP.N. KAANDQ.IIY 60 RV. TK. G.M. V.H. F. S. F. S.

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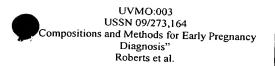
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FIG. 1B

Consensus	.HPLRNI.D.	YVGNITIGT	PPQEFQVVFD	Consensus .HPLRNI.DYVGNITIGT PPQEFQVVFD TGSSDLWVPS I.C.S.AC.T H.RFRHSS 120 (62)
boPAG 8	S.Q.K.FQNA V	_	N	VD.Q.PS.SK .KDPQK.T 119
boPAG 2	IYL.T A	•	R	.T.T.P.Y.
boPAG12	IK.YL.M A	•	R	S.V.P.Y.KT.
boPAG11	TAL.M A		K.R	.K.I.PH.
boPAG 9	IMNL V	•	•	FCTM-P. SA
boPAG10	HSYK.F S.IN.	. I N		Y.Q.SS.YK.NS
boPAG 4	IR.F?	•		. F.N.ST.SK
boPAG 6	R.L F	•	. H	F.N.SS.AA .V.
boPAG 1	TK.L V	. M.	•	DF.T.PS.
boPAG 3	TK.L I	•	•	
boPAG 5	IM.M VK	ж.	•	VF.P.SS.
boPAG 7	IR.I F	•		





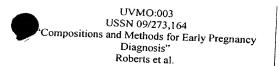
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Consensus (120)	Consensus TFR.TNKTF. I.YGSG.MKG.LDTVRIG.LVSTDQPFGLS.EEGFDGVLG180 (120)
boPAG 8	T V.GSIQ NIVN.I
boPAG 2	IIQ. F.GS NPE.S
boPAG12	IIQ. F.GS NLK.S
boPAG11	M.N. V.AY K
boPAG 9	S
boPAG10	SI Y.VYNVALK.
boPAG 4	RIEA LVVH DQ
boPAG 6	R VVVH
	R VVVH NI.
boPAG 3	$R\dots VVAH\dots D\dots D\dots \dots \dots$
boPAG 5	ST. F.AY D.LEMHE DLPF 1
boPAG 7	PR.IR.N. VIAY D





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· I KGELINW.	н		. H	⊣ ,	_	$A \cdot \cdot \cdot \cdot A$	RI	$R \dots \dots V$	R. E V 2	R.EV	T	7
SVVMFGGVDH	REV SRPENI .T			• • • • • • • • • • • • • • • • • • • •	•	NR A	Α	•	•	•	•	
FLYSEG	SRPENI	WS H.FNTNKP.	IWSFNTCQP	IRNEIN.	··· KNKQ··	····SQKEN.	YK EKDER	KDKQ	KDER.	ILKDEQ	GKVK	IN:
FDNLKN QGAISEPVFA FLYSEG SVVMFGGVDH .YYKGELNW. 240	REV	н. Н.	<u>.</u> ⊢	· · T · · · · · ·		v	표	田	. В.	•	: : : : : :	K E
AIPIFDNLKN	TT.V	: ⊟ 1	SM····I	⊣	•	$N \cdots N$	\dots XK	.FK.		•	T	.MK.
L. YP S G	.ASLAIQ.	.AF.AMGIED	ASI.IK.	. S SLIAVE.	.NNI.FS.	.GRRTIT.	.S.INI.PS.	.SNKTFS.	.NI.FS.	.NNI.FS.	.DM.FIT	.N.WNL.WSK
Consensus L.YPSG AIPI (180)	boPAG 8	boPAG 2	boPAG12			01	4	9	boPAG 1	boPAG 3	boPAG 5	boPAG 7



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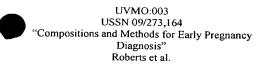
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FIG. 1E

Consensus (239)	asus PQ.G.WMDRISM.R. VIACS.GC.A LVDTGTS.I. GP.RLV.NI. KLI.A.PG 300
boPAG 8	.VT.ARF.QV A.SSMT.NGN .VGQQ. VLLVTHTD.LNPN.ILN 299
boPAG 2	TKTHMN.RL.EN
boPAG12	.VS.TRY.QI S.NNGN .TRQLM.HTITHMN.RH.Q. 293
boPAG11	A.P.TQ .F.H.MY.
boPAG 9	GNH RRTRFD
boPAG10	.VS.V.S.HI NI.SNGT .VKRQ. SWIRRLSA W.K.I.SK.QH.RID 296
boPAG 4	stn.wg.tQ.
boPAG 6	STNWR.RL.
boPAG 1	RNH RG.IR.
boPAG 3	RKNK.HG.RRH
boPAG 5	RNQG.TQ.
boPAG 7	







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FIG. 1F

Consensus (295)	SEVSC.AVLPSIIFTI NGI.YPVP AYI.KDSRG. CFSET 360
boPAG 8	D.QMLD.I NSTLLLVPD YQRF.ERI .FIS.QGGTE ILKNLGTS 359
7	YVD KTPVNDLRPQI.IQN-S .RSV.QGGTENSLN. 348
12	YVD KTPVNDL.PQT.AQN-F .LSI.HGGTETSP 348
boPAG11	YM.L.PVI SIPVD.SREQ.I.NSL .LST.HGD-DTDQ 348
	T.IKMTAR
boPAG10	I GTPAV
boPAG 4	S. NS KSNN.RGQ
boPAG 6	. NTN.RL.AR
boPAG 1	HY.P.SE. NTVNGRLDR .YTT.QENRVSST 352
boPAG 3	.KYYIS NT
boPAG 5	IS
boPAG 7	.KYYS NIPRLH .YTT.KEKRVRRT.S 313



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RIGLA.AV	P.A	 Б.	sQ.	: 어		다	TK.	요.	요.	ਲ ਲ	- ^Q. · · · ·	RR.
YFSVFDRGND	NY	K.R		$\dots Y \dots$	•	N	RK.	•	•	•	•	•
WILGDVFLRL YFSVFDRGND RIGLA.AV	P.A P.A	0I	Ö	•	AR	•	•	.LR	. Y.	Λ	•	.V. E.
Consensus (323)	boPAG 8	boPAG 2	boPAG12	boPAG11						boPAG 3	boPAG 5	boPAG 7



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Consensus	HPLRND YVGNITIGTP PQEFQVVFDT GSSDLWVPS. FC.S.TC S.H.RFRH.Q 120 (60)	(09)
ovPAG 4	IR.TF	
OVPAG 7	:	
ovPAG 3	LMK.IF A AIN.S TRVR. 117	
ovPAG 6	.LSDAIEA	
OVPAG 1	N.L.P.KRP.	
ovPAG 5	V.MFL.LAP.MRG GEQ.R NT.PA YS.IT.KYWE 117	
ovPAG 9	S.YI.ML .T	
ovPAG 2	VK.RIK.I.PA	
ovPAG 8	.L L.N.S	



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PFD.	IGRR	MDRR	HRQ	RCT)-I	JGI	INI	ONA	RNTT.
SSTFR.TNKT F.I.YG.G.M KGVVAHDTVR IGDLVSTDQP FGLSE.GFPFD		MA.Y	V	TA.HVS	FDR.YF.S.T. R.FIFL.SWL D-I	LV.Y	TLK.Y	LQQF	T 4
IGDLVSTDQP		I	•	•	•	N		N	4
KGVVAHDTVR	•	•	···· \	Λ	R.F	HL.YIQ	I	N.L.Y	77. 77.0
F.I.YG.G.M	.W.TA.T.	.W.T.A.T.	.G.MA.K.	S.T.C.TV	R.YF.S.T.	E.AS.RI	.C.TS.GL	R.L.S.M.	M F DV KT
SSTFR. TNKT	TW.TA.T.		LAG.MA.K.	PR.	FD.	Y.H.T.P	LR.	L.RRP	<u>-</u>

478915978

ovPAG ovPAG ovPAG ovPAG ovPAG ovPAG ovPAG

Consensus (120) 177 177 177 177 177 177 176 177



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FIG. 2D

H.YYKGELNWV 240 R	237 237 212
LNYP. S. G. IPIFDKLKN EGAISEPVFA FYLSKD. QEG SVVMFGGVDH .YYKGELNWV 240 RQ.CCR PT. Q. E. R. S. C. S. C. S. K. S. C. S. C. K. S. C. S. K. S. C. S. C. K. S. C. S. C. K. S. C. S	
KGEI	H. K I
YY. R. T.	S. H.
 	• •
SVVMFGGVDH	· · · · · · · · · · · · · · · · · · ·
SVVI	!
KD.QEG : E E E G.C GTVN.	CEN.
** FYLSKD.QEG ************************************	TN.
FY.	• • •
DKLKN EGAISEPVFA FYLSKD.QEG SVVMFGGVDH Q E E S Q E E E C G N. K.Q I. F.	Q QITNKEN.
AI SE	
	0
KLKS	
TKW TKW T A A	
LNYPSG.IPIFIRQ.CCR PTNL.FSK TNL.FSK TSI.FWS TKI.FS. ANT FS A	
LNYPSGRQ.CCRRQ.CSKNL.FSKSI.FWSKI.FS.	S. SLAVP. S. NT. CF.
R(S)	SIS
	· w w
nsu 4 7 7 1 1 5	
Consensus (180) ovPAG 4 ovPAG 7 ovPAG 3 ovPAG 6 ovPAG 6 ovPAG 6	OVEAG OVPAG



300

PL..AGDW.I.VDRISM.R.VIACS.GC.A LVDTG.S.I. GP.RLVDNIQ KLIGA.P.G.

Consensus (240)

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FIG. 2E

ovPAG 4	4	.VK.DT. QR.EDDLA.F.HGI.DSE.RDL 297
ovPAG 7	7	R.EDDLA.F.HGI.D
ovPAG 3	3.	DRS.H.QGIV
ovPAG 6	. 9	.YIE.NAK. VAAF.EKSQMFR.R.S
ovPAG 1	٦.	R.KGEGT.L.I
ovPAG 5	5	P.L.NTT R
ovPAG 9		GD.E. VTAF.G
ovPAG 2	2	NGKG.EHET.L.HAGP.T
OVDAG 8	α	л в онг



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FIG. 2F

Consensus (300)	Consensus KHYVSCSAVN TLPSIIFTIN GINYPVPAQA YILK.S.G.C YT.FRVR .STE.WVLGD 360 (300)
ovPAG 4	I
ovPAG 7	•
ovPAG 3	
ovPAG 6	.YPVR SGRNHR.RT.KENQWS PI.I 357
ovPAG 1	EYFY AVP LV.D.R.QSP.QVN.AN P.A.N.I 359
OVPAG 5	TI. ITLT.Q.G. F.T.KGAF KHR.T 356
ovPAG 9	LS.LN 323
ovPAG 2	EYMPVIS IPV S.D.SEQ.I.NSL. LSS.HGDNDK.I 353
OVPAG 8	MP



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:IG. 2G

PAV	Σ:	Σ:	R.G	요.	요.	Q.R	:	:	•
VFLRLYFSVF DRGNDRIGLA PAV	•	•	H	. н.	•	. EHN . A.	•	N	
VFLRLYFSVF	•	•	•	•	R	$\mathtt{I} \dots \dots \mathtt{Y}$	\dots V.L.	Υ	<u>.</u>
Consensus (323)	ovPAG 4	ovPAG 7	ovPAG 3	ovPAG 6	ovPAG 1	ovPAG 5	ovPAG 9	ovPAG 2	ovPAG 8

boPAG	2	4	5	6	7	8	9	10	11	12
Hybrid (d25)	4		1	1	1	5	1	1	1	
Immuno (d25)		19								
RT-PCR (d19)	9					11	3	-	3	6

FIG. 3

NOWEICE .		"Committee and Methods for Early Pregnancy Diagnosis" Roberts et al.																						TECH (
12									ď													100	100	TECH CENTER 1600/2900
11										V										100	100	79	64)0/2900
10																		100	100	72	57	73	09	
6																100	100	69	57	73	57	75	09	
∞														100	100	89	53	7.1	55	72	99	70	99	
7	,											100	100	71	53	98	71	89	53	75	59	74	28	
9										100	100	68	77	69	53	87	74	70	57	73	59	75	59	FIG. 4
\$								100	100	84	70	\$8	72	20	54	85	74	71	58	9/	62	77	63	
4						100	100	85	92	68	92	98	71	<i>L</i> 9	46	85	89	89	53	73	26	74	28	
ന				100	100	87	73	98	74	88	78	87	78	<i>L</i> 9	51	88	78	69	55	73	58	75	09	
2		100	100	74	58	73	55	09	61	73	57	73	99	89	55	74	59	72	20	11	62	8	83	
1	100 100	73	57	91	98	88	92	98	75	68	80	87	79	89	53	87	77	70	99	74	59	75	61	
BoPAG:	1	2		ю		4		5		9		7		∞		6		10		11		12		

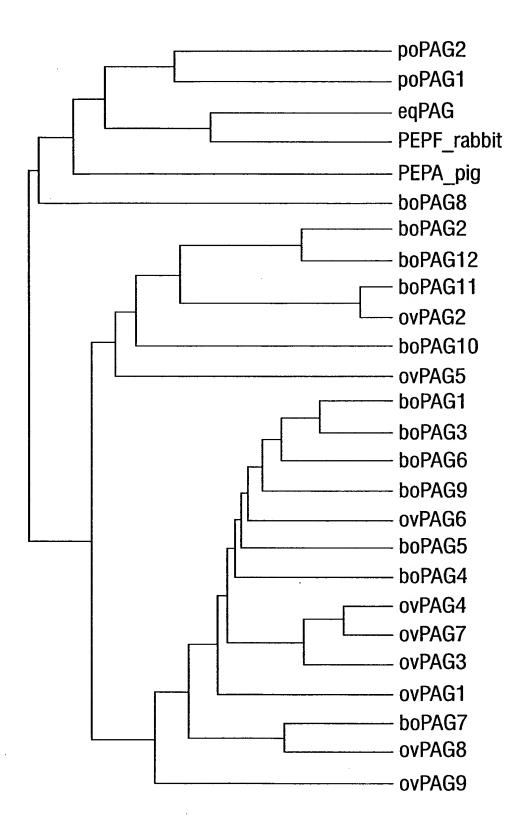


FIG. 5

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Horse
Moose
Mule Deer 1
White Tail Deer
Impala
Springbok
Goral
Gaur
Sheep (Suffolk)(1)
Giraffe
Mule Deer (2)
Duiker
Nyala
Gnu Sheep (Suffolk)(2) Cape Buffalo Takin Markhor Sheep (Dall) Panda

